JK Audio Makes It Easy to Get Quality Audio In/Out of Your Telephone Line

HOST Back Panel

INNKEEPERPBX Back Panel

JK Audio Digital Telephone Hybrids

JK Audio's **Broadcast Host** digital hybrid contains everything you need to get talk show-quality audio from standard telephone lines, with excellent separation between your voice and the caller's. In fact, the quality is so good it competes with hybrids costing hundreds or thousands more. JK Audio's new state-of-the-art echo canceller in the Host achieves excellent separation on any telephone line.

The similar **Innkeeper PBX** connects to multi-line PBX telephone systems through the handset cord. It achieves excellent separation without any setup, and without sending a noise burst down the line.

HOST List $495.00 **$439.00**
INNKEEPERPBX List $495.00 **$439.00**

LowestPrice only $439 ea!

Accessories:
GUESTMODULE1 Remote control interface/keypad List $139.00 **$119.00**

HOST FEATURES:
- Auto-Answer/Auto Disconnect for IFB/monitoring
- RJ11C phone and aux phone jacks

JK Audio

INNKEEPER PBX FEATURES:
- Select electret, dynamic, and carbon handset types
- RJ22 handset and phone jacks

FEATURES, BOTH:
- 16-bit digital signal processing; proprietary auto null algorithm, 50 dB null
- Send and Receive LEDs
- Balanced XLR input with Mic/Line pad switch
- 3.5 mm mono input; 3.5 mm output L=send/R=caller
- Balanced XLR caller output
- 3.5 mm headphone output (mixed send/receive)

JK Audio PBXport
Digital Telephone Hybrids

JK Audio

The JK Audio PBXport professional digital hybrid provides talk show quality caller audio from your PBX phone system. It lets you send mic or line level signals into your PBX telephone system while maintaining excellent separation between your voice and the caller. The balanced XLR CALLER output jack contains only the caller's voice, allowing full duplex voice conferencing through the existing PBX phone system without fear of echo and feedback. The MIX OUT jack contains both voices mixed for archive recording. For complete flexibility, PBXport provides connections for a microphone, headphones, mixer, telephone handset and your telephone set.

PBXPORT Desktop ONE digital hybrid List $825.00

Call BSW For Lowest Price: 800-426-8434

FEATURES:
- 16-bit DSP Echo Canceller
- Transmit female XLR with mic/line switch
- Caller output male XLR
- Mix output male XLR
- Front panel 1/4" headphone jack
- Speaker output terminals
- Switch selects between electret, dynamic, and carbon handset types
- Front and Rear panel Handset and Phone Base RJ22 jacks
- Remote control screw terminal block

JK Audio

JK Audio Innkeeper LTD Digital Hybrid

The new Innkeeper LTD is JK Audio's simplest digital hybrid yet. The innkeeper LTD connects audio signals to a standard analog telephone line without the transmit/receive crosstalk common to analog hybrids. Its Digital Signal Processor continuously monitors both the phone line and audio signals to deliver excellent separation. This proprietary, dual-convergence echo canceller algorithm can achieve excellent separation, typically exceeding 50 dB, without any setup and without sending a noise burst down the line. An auxiliary telephone is only required to place outgoing calls.

Innkeeper LTD features Auto-Answer/Auto Disconnect for use in IFB and monitoring applications. Other applications include: telephone interviews, talk shows, church PA interface, and more. The "Remote" jack allows connection to an optional JK Audio Guest Module, allowing remote control and dialing without an auxiliary telephone. An optional RA2 rackmount accessory holds two Innkeeper LTDs in a 1U rack space.

INNKEEPERLTD List $575.00

LowestPrice only $519!

Accessories:
GUESTMODULE1 Remote control interface List $139.00 **$119.00**
RA2 Rackmount kit List $50.00 **$45.00**

JK Audio

JK Audio BlueKeeper
Bluetooth Desktop Interface

The JK Audio BlueKeeper combines Bluetooth Wireless Technology with professional audio electronics in a convenient desktop design. BlueKeeper interfaces to your cell phone like a Bluetooth wireless headset. Simply connect your favorite microphone and headphone and enjoy an immediate improvement at both ends of the call. The professional microphone preamplifier provides a dramatic improvement in sound quality to the caller (or back to the station if you are away from the studio). The caller audio comes in loud and clear over the convenient front-panel headphone jack.

For recording interviews, BlueKeeper allows you to maintain superb separation between your voice and the caller. The stereo output jack on the back of the unit provides your voice on one channel (in full fidelity) and the caller's voice on the other channel.

BLUEKEEPER List $495.00

LowestPrice only $449!

Your Very Best Remote Friend...

JK Audio RemoteMix 4
Telephone Hybrid/Mixer

The triple threat RemoteMix 4 is a 4-channel field mixer, headphone amplifier plus a complete communications interface featuring a phone line hybrid and keypad, a PBX handset interface, and a cell phone interface. Simple to use, it offers plenty of I/O as well as Bluetooth wireless technology for ultimate operating freedom! Features: (4) XLR mic inputs; switchable 48-volt phantom power on all mic inputs; mic/line pad on channels 3 & 4; (1) 3.5 mm line level input; (1) 1/4" line level headphone cue input; PBX handset interface; 2.5 mm cell phone interface; Bluetooth Wireless Technology; dual 9V battery drawers; (4) 1/4" headphone output jacks; separate headphone level controls.

REMOTEMIX4 List $1,395.00 JK Audio

Call BSW For Lowest Price: 800-426-8434

- 4-channel mixer, headphone amp and a communications interface in one for maximum efficiency
- Loads of I/Os to handle most any remote broadcast application
- Bluetooth wireless technology for complete freedom

JK Audio RemoteMix Phone Hybrid/Mixers

JK Audio's **RemoteMix C+** is a combination audio mixer, headphone amp and telephone hybrid in one! It's perfect for two-person remote broadcasts and field reporting from any location via conventional phone lines.

Designed for three-person sports broadcasting, the more advanced **RemoteMixSport** offers three XLR microphone inputs (one switchable to line level), three headphone jacks and VU meter. It works with conventional phone lines as well as PBX or ISDN phones, and it also connects to cell phones.

REMOTEMIX C+ FEATURES:
- (2) XLR mic inputs (one switchable mic/line)
- (2) 1/4" headphone jacks
- RCA line in and out ; XLR balanced mix output
- Runs on 9V batteries or AC adaptor (included)
- Auxiliary handset input for use as a telephone

REMOTEMIX SPORT FEATURES:
- (3) XLR mic inputs (one switchable mic/line)
- (3) 1/4" headphone jacks; 1/4" headphone cue input
- XLR clean mix or phone mix output
- Speaker and talkback microphone; VU meter

REMOTEMIXCPLUS Back Panel

JK Audio

REMOTEMIXSPORT Back Panel

REMOTEMIXCPLUS List $595.00
REMOTEMIXSPORT List $995.00

Call BSW For Lowest Price: 800-426-8434

JK Audio BluePack Wireless Interview Device

The BluePack lets field reporters conduct live man-on-the-street interviews through a Bluetooth-equipped cell phone. Its professional mic preamp and powerful headphone amplifier make sure the message gets through, and its 3.5 mm stereo line input jack allows the mixing of recordings into the broadcast. This versatile unit offers the options of mixing the mic input (balanced XLR) and the 3.5 mm aux send for a 3.4 kHz station feed back through a phone (via Bluetooth) and/or grabbing a full-bandwidth mix from the 3.5 mm stereo output to a recorder.

BLUEPACK List $495.00 LowestPrice only $449! JK Audio

JK Audio ComPack Universal Interface

JK Audio

Pick up this comprehensive road tool to get audio in and out of analog phone lines, PBX systems and even cell phones. The JK Audio ComPack is perfect for remote broadcasts, IFB feeds, or interviews over any phone connection. ComPack also functions as a simple telecom interface for your beltpack intercom system— connect the 3-pin male XLR to your beltpack intercom group for a full duplex, always-on connection to any phone line.

COMPACK List $495.00 LowestPrice only $449!

FEATURES:
- XLR mic/line in and line out; 1/4" headphone output
- Standard RJ11 telephone interface
- PBX interface with handset type select switch
- 2.5 mm cellphone jack (cable provided)
- 3.5 mm line input
- Battery test button with indicator

The Remote Badge Of Honor. Go Ahead...Wear It Proud!*

JK Audio's BluePack™ Delivers Incredible Performance Using Your Cell Phone and Bluetooth™

BluePack shown actual size.

Remote Scenario One - On Scene Interview Live To Station:

You're at the game - any game...Pop Warner, High School, College, Pro...and you're calling it from the sidelines, live on the air with nothing but your Bluetooth-equipped cell phone, a mic, headphones and BluePack! You sound great and are able to actually hear the station cues above the crowd noise.

READ THIS FIRST!

Remote Scenario Two - Phone Interview From Anywhere:

It's the morning after the game. You're doing a post-game wrap up interview for tonight's news from the comfort of your hotel, home, car - heck, you might even still be in bed. Grab your Bluetooth-equipped cell phone, headphones, mic and BluePack and bam! You're recording the interview to your recorder of choice using the world's handiest pocket digital hybrid!

Info About BluePack and Bluetooth:

BluePack is compatible with all Bluetooth-equipped cell phones and makes it a snap to connect – just press a button and go – no confusing and unreliable cables. Bluetooth Wireless Technology provides a substantial improvement in audio quality by letting us send digital audio through the phone, bypassing all signal processing in the phone. This results in transmission better than any cell phone call you've ever heard.

COOL STUFF AWARD Radio World 2009

2008 ART AWARDS Radio

*BluePack has a clip that lets you easily wear it on your belt

JK Audio

TOOLS FOR SUCCESSFUL BROADCASTS

jkaudio.com

JK Audio Innkeeper
Digital Telephone Hybrids

The JK Audio Innkeeper1x digital hybrids now offer lower noise and even better echo cancelling performance. They also add an RS-232 remote interface using simple ASCII protocol (cable included). Use the **Innkeeper1RX** to bring in high-quality audio or interviews from your telephone line. This rackmount single hybrid uses a 16-bit digital signal processor to continuously monitor the phone line and audio signals to deliver better separation and to effectively prevent transmit/receiver crosstalk. This proprietary, dual-convergence echo canceller algorithm can achieve excellent separation, typically exceeding 50 dB, without any setup and without sending a noise burst down the line. Also available in **Innkeeper1X** desktop model. Optional remote controls available.

JK Audio's **Innkeeper 4** squeezes four independent digital hybrids into a 1RU space. The front-panel keypad, display, and handset jacks provide easy speed dialing and call setup, and balanced XLR output jacks contain only the caller's voice. You also get remote control and LED status indication and it even stores 50 names/numbers. The **Innkeeper 2** is a dual hybrid version (also with LED screen). For details on each of the four models, please call or go online.

COMMON FEATURES:
- Voice Presence Compensation for richer caller audio; AGC and caller ducking
- Proprietary auto-null algorithm, 50 dB null
- Headphone jack and monitor speaker terminals

INNKEEPER1RX	Single hybrid, rackmount	List	$875.00
INNKEEPER1X	Single hybrid, desktop	List	$795.00
INNKEEPER4	4 hybrids, rackmount	List	$1,795.00
INNKEEPER2	2 hybrids, rackmount	List	$1,495.00

Call BSW For Lowest Price: 800-426-8434

Innkeeper Control Interfaces

JK Audio Guest Module 1 Remote Control

The Guest Module 1 gives you remote access to the on-hook/off-hook and dial features of either the Innkeeper series or Broadcast Host digital hybrids. This little time-saver gives you call control you simply can't get with an auxiliary telephone and a couple of switches. Connect Guest Module 1 using an 8-pin RJ45 modular cable.

GUESTMODULE1 Keypad control List $139.00

LowestPrice only $119!

JK Audio RIU-IP
Web Control Interface

The RIU-IP is a remote control interface designed for the Innkeeper 1x, innkeeper 2, and innkeeper 4 digital hybrids. It contains a web server which allows the user to send and receive control data through their web browser. RIU-IP can be connected to the user's computer NIC card for direct control, to a switch or hub for network control, or to an Ethernet port with internet access for control from anywhere in the world.

RIU-IP Web control interface List $345.00

LowestPrice only $295!

Comrex Digital Telephone Hybrids

Comrex's digital hybrids provide the highest quality audio interface between your telephone line and audio equipment. Common Features: balanced XLR inputs and outputs; adjustable AGC and caller ducking; selectable auto mix-minus; auxiliary and headphone monitor outputs; remote control.

DH20 The DH20 offers the superior separation of a top-of-the-line digital hybrid at a very economical price. It provides selectable automatic gain control and caller ducking. Both the DH20 and the DH22 offer remote control and status as well as selectable caller ducking.

DH22 The DH22 offers the same functionality as the DH20 but in a dual configuration.

DH30 The DH30 adds more capability through the addition of AES/EBU inputs and outputs, interfacing with the latest digital and analog consoles. It also provides acoustic echo cancellation with simple front panel controls and remote control capability. See all three online at www.bswusa.com.

COMREX

DH20	16-bit digital hybrid	List	$995.00
DH22	Dual 16-bit digital hybrid	List	$1,595.00
DH30	24-bit digital hybrid	List	$1,795.00

Call BSW For Lowest Price: 800-426-8434

Telos ONE Digital Telephone Hybrids

ONE-R

ONE

ONE Back Panel

The Telos **ONE plus ONE** starts with two independent ONE digital hybrids in a single rack-unit chassis. A unique internal mix-minus matrix cross couples the outputs of the two hybrids. In a dual hybrid application, it requires just a single mix-minus.

1PLUS1

FEATURES:
- Sophisticated AGC on input and output
- Advanced downward expander on the caller audio
- Digital processing reduces feedback when monitoring with open speakers
- Inputs switchable for mic or line level

ONE	Desktop ONE digital hybrid	List	$750.00
ONE-R	Rackmount ONE digital hybrid	List	$969.00
1PLUS1	ONE plus ONE dual hybrids	List	$2,159.00

Accessories:

SRMP	rackmount kit for ONE	List	$89.00

Call BSW For Lowest Price: 800-426-8434

JK Audio Inline Patch Telephone Hybrid

The Inline Patch hybrid connects between an analog or cordless telephone and the wall jack to give you more control over recording and playback. The unit's two back-to-back hybrids give you complete control of audio from both sides of the call. Audio input jacks let you mix sound bites into your conversation. One stereo output jack provides your voice on one channel and the caller's voice on the other. A second output jack contains a mix.

INLINEPATCH List $270.00 **LowestPrice only $239!** JK Audio

JK Audio AutoHybrid Telephone Audio Interface

AutoHybrid gives you simultaneous send and receive audio through analog telephone lines— this is a full duplex AutoHybrid capable of 20 dB nominal trans-hybrid loss. AutoHybrid is perfect for monitoring remote locations, IFB feeds, and many simple studio, conferencing, and PA telephone interface applications. Passive auto-answer/disconnect interface. Desktop unit is rackable 4-across with optional RA4 shelf.

AUTOHYBRID List $195.00 **LowestPrice only $169.50!**

Accessories: **RA4** **$45.00**

Broadcast Tools Smart Telephone Autocoupler

The Broadcast Tools STA III provides an interface between telephone line and user equipment. The STA III provides a self-null hybrid with balanced input and outputs. The STA III monitors the telephone line for CPC calling party control and long dial tone hang up signals, allowing use behind PBX telephone switches and POTS lines.

STAIII List $319.00 **LowestPrice only $269!**

Circuitwerkes TelTap Phone Tap/Coupler

The CircuitWerkes TelTap is a versatile phone line monitor and manual coupler. It allows you to seize or tap the line, send or receive audio, and has call indicator LED and mute switch.

TELTAP List $99.00

LowestPrice only $89.95!

Circuitwerkes Auto Answer Coupler

The Circuitwerkes HC-3 automatically answers your phone line. It features a simple hybrid circuit that separates incoming and outgoing telephone audio, bridging balanced audio input with a send level control and a low impedance, balanced output.

HC3 List $279.00

LowestPrice only $219!

Broadcast Tools Auto Answer Coupler

The tinyTOOLS TT-1 is a compact auto answer and auto disconnect hybrid. The TT-1 utilizes dual-hybrid transformers providing full duplex audio. A multi-turn hybrid NULL trimmer achieves 20+ dB separation. Rear-panel RJ-11 phone line jack and second loop-thru RJ-11. Both 3.5 mm and screw terminals are provided for balanced send and caller audio.

TT1 List $139.00 **LowestPrice only $129!**

RA-1 rack shelf List $55.00 **$49.00**

Excalibur Phone Couplers

HC-1

HA-1

The HC-1 connects with the handset of any telephone using modular connectors. 1/4" audio connectors on back. The unit is passive, no power required.

The HA-1 hybrid adaptor connects through the telephone handset and allows you to use your favorite broadcast hybrid with almost any telephone...old, new, single or multiple line, etc.

HC-1 Phone coupler **$88.00**
HA-1 Hybrid adaptor **$93.00**

Excalibur Electronics

LowestPrice from $88!

Circuitwerkes MicTel Amplified Telephone Interface

The MicTel combines a high-quality single channel mic amp with a headphone amp and telephone interface in a compact package that's ideal for field interviews and other extended remote broadcasts. The MicTel just replaces the handset of your telephone. The MicTel also includes a line-level, balanced input for mixing in tape players, etc. Along with high-quality audio, the MicTel features audio limiters in both the send and receive channel.

MICTEL List $329.00 **LowestPrice only $309!**

Henry Engineering Telephone Mix-Minus

MixMinus Plus is a differential summing amplifier designed to add a mix-minus output to a broadcast console. MixMinus Plus subtracts the hybrid receive signal from the program output, creating a program mix minus the receive audio. Null adjustment will provide 40 dB rejection.

MIXMINUSPLUS List $195.00

LowestPrice only $159!

Indy Audio Auto Answer Coupler

The economical TC-1 auto answer audio coupler is powered by your phone line. It includes dry relay contacts for Status output, a reset button to disconnect callers, audio send/receive (duplex operation). Answers/seizes line, and automatically releases upon hang-up.

TC-1 List $155.00

LowestPrice only $129!

1530R

1545

1645

Paladin Professional Crimp Tools

The Paladin Tools **1530R** is a professional-grade, all-in-one telephone and data crimp tool. It does everything from Cat-3 to Cat-5e, and crimps RJ22, RJ11/RJ12 and RJ45 plugs without having to change dies. An advanced ratchet design and rubber-embedded handles give it an easy, comfortable crimp cycle. Built-in cable cutter/stripper.

The **1545** is an economical, all-in-one telephone crimp tool at a great price, with cutter/stripper.

The **1645** is a professional, open-barrel contact pin crimper for 30-18 AWG stranded wire. It features a heavy-duty 1600 series crimp tool with 1645 die set, precision-calibrated crimp profiles, ultra-smooth ratchet system, and the lowest handforce required without compromising force.

1530R	Pro telco crimp tool	List $126.95	**$109.95**
1545	Telco crimp tool	List $41.99	**$34.95**
1645	Open barrel, contact pin crimp tool	List $135.99	**$112.95**

LowestPrice from $34.95! Paladin Tools

COMREX

Comrex TCB Phone Couplers

Comrex's **TCB-1** telephone coupler sends or receives program material via the switched telephone network. This unit requires no external power and connections are via standard modular plugs. Line level 1/4" input. The **TCB-2** auto-answer coupler is perfect for listen-line applications. Just plug in the standard connectors, attach the power supply and you're ready to go. The coupler answers on the first ring and disconnects on hang up.

TCB1A	List $175.00	**$169.00**
TCB2A	List $300.00	**$269.66**

LowestPrice from $169!

Got Callers? Lotsa Callers? STAC 'Em with Comrex

STAC12

Comrex STAC (Studio Telephone Access Center)

The Comrex STAC puts you in control of your talk shows, call-ins and phoners with great sound, ease of operation and a scalable configuration. STAC incorporates a pair of Comrex high-performance digital hybrids with automatic audio level control. The result is a more natural-sounding telephone audio, even when conferencing multiple callers. A rackmount mainframe houses the hybrids, the multi-line controller and all telephone and audio connections. The STAC6 is a 6-line system; the STAC12 is a 12-line system.

FEATURES:
- Dual, high-performance digital hybrids – 6 or 12-line system
- Screener Mode simplifies screening and queuing; web browser control
- Automatically answers calls with custom message and puts them on hold
- Buttons designate next caller on air and activate external recorder or delay
- XLR Send input; XLR Caller 1 and 2 outputs; two stereo mini headphone jacks
- Front panel LEDs indicate level status
- Aux DB-9 control output, momentary or latching

STAC6

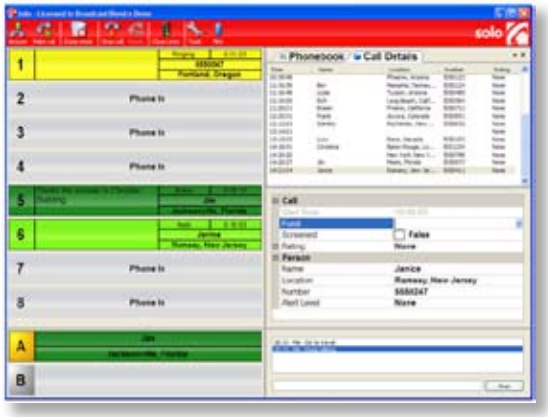
STAC6	6-line phone system	List	$3,200.00
STAC12	12-line phone system	List	$3,900.00
STAC6CS	Additional control surface for STAC6	List	$600.00
STAC12CS	Additional control surface for STAC12	List	$900.00
STACEK	STAC6-to-STAC12 expansion module	List	$900.00

Call BSW For Lowest Price: 800-426-8434

Broadcast Bionics PhoneBOX Call Management Software

Harnessing the latest SIP technology, PhoneBOX Solo routes VoiP or ISDN calls digitally to air via a standard Windows PC. This software SIP hybrid transforms your soundcard into an advanced dual hybrid, with EQ, dynamics, recording, playback and editing all integrated. Offering 4 to 16 lines for a single hybrid studio system, it features fully integrated call recording, advanced visual talk back, multi track call editing and playback, database logging, caller ID, persistent caller, prizewinner management and much more. A powerful SQL database runs behind every PhoneBOX Solo, retaining the vital information that is keyed into it. It captures caller ID both inbound and outbound, helping you to keep track of who's calling and making it easy to find callers to call back. New features include the ability to conference up to four calls on one hybrid, support for a Linksys VOIP telephone, GPI external device interface, function key shortcuts and a set of caller classification icons for easy caller selection. If your calls are digital, this is the way to go! With no expensive hardware or cabling, it is quick and easy to install and maintain. You can also add optional Buddies for additional control:

BUDDY is a remote for the PhoneBOX Solo that can be used in another studio or as a screener/producer position. It can also share lines and control with the master Solo system. BUDDY AUDIO is a remote with audio for the PhoneBOX Solo that can be used in another studio or as a screener/producer position. It can also share lines and control with the master Solo system. Its soundcard can also act as additional software hybrids.

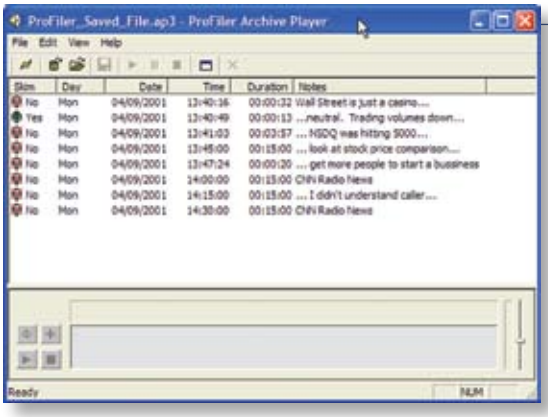


FEATURES
- 4-line phone system for VoiP
- Fully integrated call recording
- Multi track call editing and playback
- Advanced visual talk back
- Database logging
- Caller ID
- Persistent Caller and Prizewinner management

Technical Requirements:
- Windows XP / Vista
- 1.8Ghz Processor+
- 1GB RAM+
- SQL Server 2005 Express+ (supplied)
- DirectSound compatible soundcard (s)

PHONEBOXSOLO4	4-lines	List	$1,995.00
PHONEBOXSOLO8	8-lines	List	$2,995.00
PHONEBOXSOLO16	16-lines	List	$4,995.00
BUDDY	Remote control	List	$750.00
BUDDYAUDIO	Remote w/audio	List	$1,500.00

Call BSW For Lowest Price: 800-426-8434



Telos ProFiler Automated Program Archiving System

Telos ProFiler is the efficient, cost-effective way to automatically log your radio station's program audio using industry-standard MP3 audio compression. No more clunky tapes or expensive dedicated hardware – ProFiler runs on a standard PC under Windows 2000 or Windows XP Professional. Configure it once and ProFiler runs unattended, making time-annotated MP3 files for space-efficient digital backups of your station's audio. Archived audio can be auditioned locally or remotely via LAN, WAN or the Internet; you can also listen to audio during the encoding process. ProFiler records one stereo audio channel, expandable to as many as four stereo or eight mono channels per PC by adding additional Telos audio cards (ProFiler includes one Telos PCI audio card with balanced I/O).

****PROFILER** List $645.00 **Call BSW For Lowest Price: 800-426-8434**

Your Call-In Show IS A Social Network...

STAC Makes It Simple To Build a Successful Following.

We all know that building a community is the way to go nowadays. A great call-in show will always attract throngs of listeners (and advertisers), and STAC (Studio Telephone Access Center) is the talk-show system to build it. Incorporating a pair of Comrex high-performance digital hybrids, STAC provides the most natural sounding telephone audio.

STAC
STUDIO TELEPHONE ACCESS CENTER

Available in six (STAC 6) and twelve (STAC 12) line versions, STAC lets you connect up to four control surfaces using standard CAT5 cable — no custom cabling required. For on-screen control, just log onto the internet using a standard web browser, go to your STAC IP address, and you are there! You can even control STAC IP from multiple networked computers. STAC's 'Busy-All' function makes starting contests a breeze. There's even an Auto-Attendant that answers, plays your message and puts callers on hold. And STAC also features 'Line Clustering' to allow sharing of multiple phone lines between up to 12 STAC Mainframes. Whether replacing an antiquated legacy key telephone system or looking to add functionality to your studio phones, STAC makes managing your studio lines fast and simple.

So get STAC today and see how high you can STAC your listener base (and revenues).

Put Comrex On The Line.
COMREX
www.comrex.com

Telos Nx12 12-Line Modular Telephone System

The Telos Nx12 is a powerful 12-line phone system offering state-of-the-art hybrid technology with support for both ISDN and POTS phone lines, including caller ID. A self-contained system, it sports four advanced Telos hybrids that can be used in single- or dual-studio configurations, and comes equipped with analog or AES inputs/outputs. Note: If you order analog I/Os two hybrids are accessible. With digital I/O models, four hybrids are accessible. Many configurations available. Call BSW today for more details.

To ensure that caller audio sounds its best, each of Nx12's four hybrids is equipped with its own Omnia AGC and noise gate, using the latest DSP algorithms to make caller-to-caller consistency better than ever, no matter how high or low the caller's gain is. In addition to hybrid cancellation, there's also echo cancellation to handle those tricky VoIP and cellular callers. It boasts all the bells and whistles producers and talent rely on to make their lives easier, including Telos' exclusive Status Symbols visual call system.

The rackmount hybrid and control surfaces are sold separately. For answering the phone, choose from the **TWOX12DD** Desktop Director, **2001-00072** Extended Desktop Director and **2001-00143** Call Controller. The Desktop Director is used to screening calls, dialing and other talk show functions. It comes with handset and separate connection for optional 3rd-party call screener's headset. NX12 supports two Desktop Directors standard, expandable to eight. The Extended Desktop Director provides line status for and permits control of up to 12 incoming calls assignable to four hybrids. The Call Controller is a compact control option for up to 12 lines and 2 hybrids. Connect the call Controller to an ordinary POTS telephone for screener or studio telephone operation.

The optional **3001-00003** Assistant Producer v3.5 call screening software operates with Microsoft Windows and provides instant communication between producers and hosts with detailed on-screen line and caller status, allows remote screening/supervision of talk shows via LAN or WAN.

2001-00208	12 lines POTS + Analog I/O	List $4,480.00
2001-00211	12 lines POTS + AES I/O	List $4,480.00
2001-00210	6 ISDN U (2B1Q 2-wire) + Analog I/O	List $4,480.00
2001-00213	6 ISDN U (2B1Q 2-wire) + AES I/O	List $4,480.00
2001-00215	6 lines POTS + 3 ISDN U (2B1Q 2-wire) + Analog I/O	List $4,480.00
2001-00217	6 POTS + 3 ISDN U (2B1Q 2-wire) + AES I/O	List $4,480.00
TWOX12DD	Desktop director	List $1,279.00
2001-00072	Extended desktop director	List $1,589.00
2001-00143	Call controller	List $849.00
3001-00003	Assistant Producer software	List $569.00

Call BSW For Lowest Price: 800-426-8434

Telos 2101 Multi-Studio Telephone System

The Telos Series 2101 Multi-Studio Talkshow System is the revolutionary whole-plant telephone solution for any size broadcast complex. Using computer intelligence and sophisticated routing technology, the 2101 makes the most of the superior audio and line-signalling capabilities of ISDN lines. Plug it right into ISDN PRI phone lines (T-1 or E-1) for up to 120 incoming call circuits, which can be dynamically allocated across multiple rooms – from as few as two to as many as 32 separate studios!

From dual studio configurations up to mammoth 32-studio clusters, the Series 2101 is the solution you've been waiting for. Call BSW for the complete line and build your perfect system from Desktop Director controllers, rackmount Studio Interfaces, Digital Hybrids, and more. Talk to our sales staff today for a custom price quote.

FEATURES:
- Configurable – the whole-plant solution, from 2 to 32 studios
- Modular – build a system from controllers, hybrids, more
- Expandable – start small and add pieces as your facility grows

CALL BSW FOR CONFIGURATION

Call BSW For Lowest Price: 800-426-8434

Telos' Affordable 6-Line Talk Show System Gets Callers On the Air

Telos 1X6 6-Line Telephone System

The affordable 1X6 has all of the telephone interface equipment necessary for talk show programming. A single rackmount unit houses both a Telos ONE digital hybrid and a six-line, broadcast phone system. The 1X6 is easy to install – all six phone lines are connected using standard RJ-11C plugs and all audio connections are XLR. For system control, the 1X6 uses a desktop Switch Console (sold separately). Special function buttons on the Switch Console are used to automatically select the next caller, to put callers on the air or to conference, and to access several other unique features. A standard telephone set may be used for call screening.

FEATURES:
- Telos ONE digital hybrid with 6-line broadcast phone system in one unit
- Separate Switch Console with buttons to control all popular functions
- Standard RJ-11 phone plugs and XLR audio connections

1X6	6-line telephone system	List $1,939.00
SCONSOLE	Switch console for Telos 1x6	List $649.00

Call BSW For Lowest Price: 800-426-8434

Accessories:

3001-00003	Assistant Producer software	List $569.00

"Go ahead caller… you're on the air."

Telos was first to use Mp3 technology, first to see the possibilities of ISDN, first to bring a DSP-based product to broadcasting, a hybrid by the way. Breakthroughs and innovations adopted years later by everyone else.

So, let's take our next call, shall we?

It's the Nx12, our most powerful performer, giving you the one-two punch of the latest Telos hybrid technology and audio processing by Omnia for the cleanest, most consistent call quality ever.

Nx12 has four advanced digital hybrids, each with its own AGC, noise gate, and caller override dynamics using carefully tuned DSP algorithms. Each also includes DDEQ, a sophisticated multi-band equalizer, which analyzes and adjusts received audio spectral characteristics so that calls sound smooth and consistent despite today's wide variety of phone sets and connection paths.

Let's face it, most people today are calling in on a cell phone. We get it. So, the Nx12's hybrids incorporate special echo cancellation for tricky cellular and VoIP calls. Unique to Telos, the Nx12 has an adaptive function that reduces the possibility of feedback in open speaker applications. So go ahead… put that talkshow on remote with an audience.

Available in analog or ISDN Versions. Nx12 can connect to as many as 12 analog POTS lines or up to 6 ISDN BRI lines (which would provide 12 caller channels). A digital switch matrix inside the Nx12 connects the lines to hybrids. The Nx12 works with all Telos control surfaces including the Desktop Director, Call Controller, and Console Director. Talent and producers benefit from the unique Telos features, such as our exclusive Status Symbol visual call management icons which clearly show line and caller status.

And, it's backed by the best support team in the business. The highly caffeinated 24/7 support techs.

Telos Nx12: 12 lines. No waiting.

Telos
AUDIO | NETWORKS

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Radio Never Sleeps. Neither do we. We're here for you, anytime, with free round-the-clock, 24/7 technical support. Call +1-216-622-0247.

JK Audio Telephone Taps

New Bluetooth wireless tap! The **Daptor Three** audio interface offers Bluetooth wireless as well as balanced XLR and unbalanced 3.5 mm connections to let you send and receive audio through your cell phone. It also works great with any laptop that has a wireless headset connection! Ruggedly built, yet weighing just 7 ounces, it runs on a single 9-volt battery. The non-Bluetooth **Daptor Two** lets you connect any mixer to the 2.5 mm headset jack on your wireless phone. This passive adaptor features balanced XLR and unbalanced 1/4" jacks (you may use either the XLR input or 1/4" input, not both). You can send and receive audio from your mixer or recorder through your cell phone. **The Daptor One** converts the 2.5mm headset jack on your wireless cellular phone to a modular phone line jack. This RJ-11 jack connects directly to any JK Audio RemoteMix series mixer. Connect the JK Audio **THAT1** or **THAT2** between your telephone and handset for quick access to audio in and out of the telephone. THAT1 has RCA I/Os. THAT2 adds XLR I/O and a handset selector switch.

To record audio from your cellphone connect the **CellTap** between the 2.5 mm earpiece jack of your cellphone and your earpiece. It features a 3.5 mm audio output.

Use **QuickTap** between your standard telephone and handset for access to audio out of any telephone. Simply connect your audio equipment to the audio output jack.

VoicePath routes audio in and out of any telephone using your PC sound card. Use PC software to play your conversation right back into the phone line.

JK Audio

DAPTORTHREE	Bluetooth w/ XLR & 3.5mm	$339.95
DAPTORTWO	2.5 mm tap w/ XLR & 1/4"	$159.00
DAPTORONE	2.5 mm tap w/ RJ-11	$109.00
THAT1	Telephone audio tap w/RCA	$139.00
THAT2	Telephone audio tap w/XLR	$215.00
CELLTAP	2.5 mm cellphone audio tap	$75.00
QUICKTAP	Telephone audio tap	$55.00
VOICEPATH	Phone tap with software	$99.00

LowestPrice from $55!

Conex FlipJack Series Cellphone Interfaces w/Mixers

The Conex FlipJacks are affordable cellphone interfaces. The FlipJack **FJ500** offers a 3-channel mixer for cellular broadcasts. The original **FlipJack** is a smaller, 2-channel version. Both use your phone's 2.5 mm hand-free port (or 2.5 mm adaptor). Includes cable.

FJ500

FLIPJACK

FJ500 FEATURES:
- 2 XLR inputs (mic and mic/line)
- Aux line input and output
- Tuner input for off-air monitoring
- 2 headphone outs w/ volume ctrl
- Connects to a standard phone line
- "AA" batteries or external power
- Multi-LED level indicator

FLIPJACK FEATURES:
- 2 XLR inputs (mic and mic/line)
- 1 headphone out with volume ctrl
- Separate external tuner/aux input
- Powered by internal 9V battery
- LED level and low battery indicators

FJ500	List $417.90	$399.00
FLIPJACK	List $289.00	$255.00

LowestPrice from $255!

CONEX

Conex FlipJack 700 4-Channel Cellphone Interface

The FJ700 is loaded with a 4-channel mixer boasting mic and line level inputs, with balanced XLR connectors and 1/4" unbalanced inputs. Use with most cell and land line phones. Four headphone channels. "AA" batteries or AC power.

FJ700 List $498.00

LowestPrice only $449!

CONEX

Marti Digital Cellcast Cellphone/Mixer

The Digital Cellcast provides a Versatile cellphone/mixer combination for use with digital cell phone networks. The latest version is updated for GSM wireless service.

FEATURES:
- Operate on land line or cellular system
- 4-channel mixer with line in, line out; pots for the 4 mic and headset channels
- Inputs switchable – program or cue
- 20 position memory for speed dial
- VU meter for program bus; A/C, battery (included) or 12V DC auto

MARTI

DCELLCAST List $3,300.00

Call BSW For Lowest Price: 800-426-8434

Marti GX-500 Telephone Interface

The GX-500 telephone interface and mixer provides all the features you need for great-sounding remotes through a standard phone line.

FEATURES:
- 4 mic and 2 aux inputs
- 4 headphone jacks
- Peak limiter
- Squelch/mute switch
- Tone/pulse dialing and electronic ringer
- Rechargeable batteries or AC supply
- Aux output (line or mic level)

MARTI

GX500 List $1,295.00

Call BSW For Lowest Price: 800-426-8434

Digigram Pyko MP3 Audio Encoder and Decoder System

When distributing digital audio over a shared IP network, the Digigram **PYKO-in** and **PYKO-out** offer professional IP solutions for a large scope of applications, such as transportation, industrial, background music, paging, and broadcast. PYKO units may be used "as is", without additional software for simple setups through a standard HTML web browser. The PYKO-In converts analog and digital audio sources to high quality MP3 or PCM IP streams. The PYKO-out plays audio from standard MP3 or PCM IP streams or from locally stored MP3 files. A required power supply is sold separately (PYKOPS).

PYKO terminals have been designed with pro audio applications in mind: Mic/line input with gain control & phantom power on the PYKO-in; balanced audio I/Os on terminal block connectors, +18 dBu max levels; 8 GPIOs, RS232; USB port on the PYKO-out.

PYKO-IN	MP3 audio encoder	List $660.00
PYKO-OUT	MP3 audio decoder	List $470.00
PYKOPS	Power supply	List $55.00

digigram

Call BSW For Lowest Price: 800-426-8434

PYKO-IN

PYKO-OUT

CircuitWerkes HC-3
Hybrid Telephone Auto Coupler

The HC-3 automatically answers your phone line on a programmable number of rings. It features a simple hybrid circuit that separates incoming and outgoing telephone audio, bridging balanced audio input with a send level control and a low impedance balanced output. The HC-3's features make it ideal for a variety of telephone tasks such as listen lines, concert lines and remote broadcasting. Dry relay contacts close at pickup.

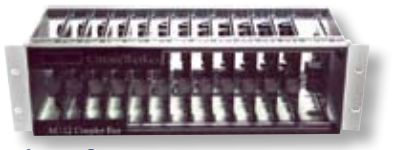
FEATURES:
- Auto-answer and auto-hangup
- Remote pickup and hangup control for manual operation
- Simple hybrid circuit for bidirectional audio connection
- Built-in tone generator for setting hybrid null
- All connections made to screw terminals
- LED's for incoming ring/on line, and power indications

HC3 List $279.00 **LowestPrice only $219!**

CircuitWerkes Sub-03
Subaudible Tone Decoder

The CircuitWerkes Sub-03 can automate your network feeds or take the guesswork out of when to cut away from networks. The decoder listens to your network audio and gives you dry contact closures from any service that sends subaudible tones including satellites, RPUs, ISDN loops and more. Its relay contacts interface easily with your automation system. It accepts a wide range of input audio signals, and its fully adjustable, active, balanced output can be used to feed your equipment. Internal filters greatly reduce the presence of tones in the output.

SUB03 List $395.00 **LowestPrice only $299!**



Circuitwerkes
Auto Coupler Rack System

The AC-12 fits up to 12 AC1B auto-couplers (sold separately). It offers two balanced bridging input, switchable busses for audio distribution. Each coupler card has an individual 600 ohm bi-directional audio connection with level trim.

FEATURES:
- LEDs for ring, on-line and clipping
- Strappable input attenuator which accepts a wide range of input signals
- Individual relay isolated, user-selected, momentary or latching dry contacts

AC12	Mainframe	List $379.00	$339.00
AC-1	Coupler card	List $199.00	$185.00
CP1	Call progress decoder	List $119.00	$112.00

LowestPrice from $112!

CircuitWerkes DR-10
Dial Up Remote Control

The DR-10 is a user programmable remote control that lets you operate your station's equipment from anywhere there's a phone. It automatically answers the phone and waits for you to enter your password, after which you have complete control of the DR-10's relays. They can be individually programmed for momentary, latching or interlocked operation, and each relay can be programmed to decode any of the 16 DTMF tones. It features a two-tone sequence mode and an anti-falsing delay mode that prevent accidental contact closures when you're using it for remote broadcasts. A built-in audio hybrid lets you control equipment while monitoring a local audio source.

DR10 List $399.00 **LowestPrice only $359!**

CircuitWerkes CP-2 Standalone Call Progress Detector

The CP-2 allows any automatic telephone coupling device to hang up properly on PBX or other telephone lines that don't provide the customary end of call d.c. signaling. It is designed to be used with all telephone devices, regardless of maker.

CP2CIRC List $189.00
LowestPrice only $159!

CircuitWerkes SEN-6
Subaudible Tone Encoder

The SEN-6 subaudible encoder generates 25, 35, and combo 25/35 Hz tones. It features active balanced audio I/O with gain control and integral filtering that keeps audio source material from falsely activating decoders. It can be special ordered to generate 50, 75, and combo 50/75 Hz tones.

SEN6 List $449.00
LowestPrice only $399!

CircuitWerkes DTMF-16
DTMF Decoder

The CircuitWerkes DTMF-16 is a compact and rugged remote control unit that provides 16 optocoupled outputs using standard TouchTone signals. It excels in controlling remote satellite receivers, network switching equipment, repeaters, or virtually any application where local control is inconvenient or impossible. Simply connect the DTMF-16's bridging input across an audio line and its outputs will activate whenever a DTMF tone is received.

DTMF16 List $229.00
LowestPrice only $209!

CircuitWerkes Sicon-8 Recordable, Talking Remote Control

The CircuitWerkes Sicon-8 is an affordable, full-featured dial-up remote control based on proprietary voice recording technology that lets you record your own messages, in any language. A complete solution for facilities with basic to moderate control requirements, all of its I/O, including 8 channels of relays, are included on the main board, with all metering, status and control connections are on depluggable screw terminals. Designed to be controlled from its onboard Ethernet interface, any dial-up telephone, an auto-answer cell phone or its serial port, the Sicon-8 gives you plenty of control options. Its onboard Web server gives access to all of the Sicon-8's metering, Status and basic control functions and supports several simultaneous users with 4 different access levels. The Web server requires no software other than a Java capable Web browser to operate, and works on multiple operating systems and browsers.

SICON8 List $1,299.00

Call BSW For Lowest Price: 800-426-8434

CircuitWerkes DT-232 Dial-up Controller and Universal DTMF-to-ASCII Transceiver

The DT-232 is an affordable dial-up remote control offering DTMF access to four user-programmable relays that can be programmed to respond to any DTMF tone or sequence. With the ability to interface to virtually any piece of hardware that requires serial control or input, the DT-232 receives DTMF tones from either its audio input connector or from its built-in telephone auto coupler. It can also accept ASCII input from its serial port and generate DTMF tones that are transmitted to a phone line for controlling equipment in remote locations. It comes with a Windows program for easy control and programming.

DT-232 List $289.00 **LowestPrice only $249!**

CircuitWerkes REX Relay Distribution System and Expander

The REX relay expander is a versatile tool to multiply contact closures in your facility. It accepts a wide variety of input signals and converts them to contact closure outputs. Its optocoupled inputs can be driven from active high or low incoming signals. The relays can also be direct driven by changing a jumper. Each of the six inputs controls four SPST relays for a total of 24 outputs. Inputs can be paralleled to increase the number of simultaneous relay outputs. It features a 50-pin SCSI (RJ-21) type connector that interfaces easily with prewired telco punchblocks.

REX List $189.00
LowestPrice only $175!

CircuitWerkes DS-8 Programmable DTMF Switcher

The DS-8 is a DTMF sequence decoder providing dry closures for eight different tone sequences. It can decode 1 to 4 digit DTMF sequences used by networks for automating closed-circuit feeds and local insertions. Relays can be easily programmed via DTMF phone to operate in momentary, latching, or interlocked latching modes.

DS8 List $299.00 **LowestPrice only $269!**

Comrex ACCESS:
The IP Codec That RELIABLY Delivers Broadcast-Quality Audio over the Public Internet

- New BRUTE GREATLY enhances functionality
- Just add your broadband card for quality WIRELESS broadcast remotes
- Touchscreen makes connecting faster and easier
- BRIC technology delivers stable full-bandwidth connections
- Compatible with non-Comrex IP codecs (utilizing AAC modes) that follow the SIP protocol as defined in the N/ACIP standard.

Comrex Access Portable Codec with Wireless IP

The Comrex Access Portable IP Codec makes a perfect field remote for places you just can't (or don't want to) get to with a rack of gear. Handheld operation makes it VERY convenient, but convenience is only the beginning. The ACCESS Portable has been designed as a remote broadcaster's dream machine. About the size of a camcorder, it may be powered for seven hours by its rechargeable battery. In this super portable format, you get an XLR mic/line input, plus an 1/8" stereo line input and output, 1/8" headphone output and a hands-free cellular connection on 1/8" minijack. This is the answer to your IP remotes! The Comrex ACCESS Portable uses BRIC (Broadcast Reliable Internet Codec) technology to deliver reliable, wideband audio over IP networks in real time. It offers connection to a range of networks via a Cardbus slot, including modem connections, 3G cellular links, and Wi-Fi or Wi-Max ACCESS cards. Its Ethernet port acts as an Internet sharing device allowing laptop use on circuits utilizing Cardbus cards.

For broadcasts that require larger mixing and headphone capabilities, the ACCESS Portable may be "docked" into a 5-channel mixer management module (ACCESSMIXER sold separately) to provide a full featured, multiple-mic-input mixer/codec. For extremely high quality audio, MPEG 4-AAC algorithms are available as an option.

ACCESSPORTABLE	Portable IP codec	List $3,800.00
ACCESSMIXER	5-channel mixer	List $1,200.00
AAC	Optional algorithm	List $425.00

Call BSW For Lowest Price: 800-426-8434

Now With ACCESS 2.7 Software
Major Upgrade with BRUTE Force!

In addition to functionality enhancements, added support for 3G wireless devices, the addition of FLAC algorithms and web browser improvements, ACCESS 2.7 features a significant technology enhancement known as BRUTE (BRIC Reliable UDP Transmission Enhancement). BRUTE delivers the best possible user experience over modern networks, especially those plagued by overutilization and marginal coverage. Think of it as ACCESS with Kung Fu Grip!

Comrex BRIC Traversal Server Software

BRIC TS TRAVERSAL SERVER

The BRIC Traversal Server (BRIC TS) makes connecting your ACCESS codecs fast and simple. Maintained by Comrex, it helps keep track of all of your ACCESS codecs no matter where they are on the public Internet. Simply log on to the BRIC TS server, create an account, define a group and list all of your ACCESS units that belong to that group. After each ACCESS is "BRIC TS enabled" and connected to the Internet, they all sync up. A "buddy list" of all of the codecs in your group will appear on the Connections section of each ACCESS showing connection status, IP address and availability. Just select the device that you want to connect to and hit the "Connect" button! Even if you are behind a firewall or on a private LAN, BRIC TS gets you connected. Call BSW today.

BRIC-TS1	One license	List $250.00
BRIC-TS5	Five licenses	List $650.00
BRIC-TS10	Ten licenses	List $1,100.00

COMREX

Call BSW For Lowest Price: 800-426-8434

BSW Has ACCESS Portable Accessories:

Be prepared for any potential SNAFU (no matter how remote) with these handy accessories. Cover all your power needs with a standalone battery charger, spare battery and 12V DC adaptor. And protect your Portable with a super-durable hard case (that can withstand the most ornery baggage handler) as well as soft foam inserts to hold and cushion it.

ACCESSCHARGE	Standalone battery charger	List $70.00
ACCESSBAT	Spare battery	List $80.00
ACCESS12VDC	12V DC Adaptor	List $25.00
SMALLROADCASE	Hard travel case	List $275.00
EXTRASMALLCASE	Small hard travel case	List $225.00

Call BSW For Lowest Price: 800-426-8434

Comrex Access Rackmount
IP Codec for Internet and Wireless Remotes

COMREX

The Access Rackmount is designed to provide your studio network connection via an Ethernet jack or dialup phone line, but it could also be used in the field. Setup ability, connection management, and status information are provided by the internal web server and accessed via any web browser. The browser interface displays audio levels, network impairment and connection status. Stereo or Mono audio connections are made via analog balanced XLRs or AES3 digital connections. And out of the box, Access Rackmount is also compatible with Comrex POTS codecs. Compatible with: Cable and DSL, POTS capable; wireless Network-802.11x (Wi-Fi); 3G Data Networks,1x EV-DO, UMTS.

ACCESSRACK		List $3,000.00	
AAC	Optional algorithm	List $425.00	

Call BSW For Lowest Price: 800-426-8434

BRAND NEW!!
Get it First at BSW!

Comrex BRIC-Link
STL System Over IP

COMREX

The BRIC-Link is a high-quality, low-cost Audio Over IP solution for full duplex audio transmission over IP links. Simple to configure via a standard web browser, BRIC-Link can be used on a wide variety of IP circuits including T1, WAN, LAN, ISM band IP radios and satellite data links. BRIC-Link offers superb audio quality with mono and stereo linear modes on circuits with substantial bandwidth. For reduced bandwidth applications, BRIC-Link offers AAC and HE-AAC modes as well as FLAC lossless compression. Learn more on page 56.

BRIC-LINK List $1,800.00 per unit

Call BSW For Lowest Price: 800-426-8434

Your Story Is Out There.
Grab It LIVE with ACCESS!

IP • 3G • Wi Fi • 4G • BGAN / VSAT • PSTN • DSL

ACCESS
STEREO BRIC IP CODEC

THE ULTIMATE TOOL FOR REMOTE BROADCAST

Put Comrex On The Line.

COMREX

www.comrex.com

Zephyr: IP Equipped and Ready to Roll!

Zephyr/IP Mixer with 4-Channel Mixer

Telos Zephyr/IP Series Advanced IP Codecs

Now available in two versatile models, with a brand-new compact mixer version, the Zephyr/IP lets you use public IP networks and mobile phone data services for high-quality, trouble free audio transmission. It does this automatically with minimal setup and very little delay, with a near-bulletproof connection that easily traverses firewalls and NATs. Utilizing ACT (Agile Connection Technology) to continuously adapt to network conditions, the Zephyr/IP combines state-of-the-art loss detection and concealment, dynamic buffering, and auto-varying bitrate functions.

In addition to wired IP connections, both Zephyr/IP models are wireless capable. Using standard USB wireless devices, the Z/IP can connect to IP networks via Wi-Fi, EVDO, UMTS, just to name a few. With ACT, the Zephyr/IP uses every bit of the available bandwidth for the best audio performance. It also features a high-resolution, information-rich interface with context-sensitive on-screen help. Easily configured with the full VGA display, or web browser, the Zephyr/IP is out-of-the-box ready.

The **Zephyr/IP** is compatible with a variety of VoIP devices. Using the Session Initiation Protocol (SIP) for signaling, an open standard for establishing VoIP connections and a set of commonly used codecs, the Zephyr/IP has unsurpassed compatibility. In addition to AAC-ELD, the Z/IP can use AAC-HE, MPEG Layer 2, G.711, G.722 and linear PCM codecs. The Z/IP is Livewire-ready to connect to your other Livewire devices.

The new **Zephyr/IP Mixer** combines the versatility of the Zephyr/IP with the utility of a digital four-channel stereo mixer, all in a portable 2RU chassis. It boasts four mic line switchable inputs, a main mixer stage that feeds the codec directly, Omnia AGC/limiter processing presets, 48V phantom power for two mic inputs, and two separate headphone mixes. It has all the features of the Zephyr/IP except for AES/EBU I/O.

FEATURES:
- Audio I/O AES/EBU, analog and Livewire interface (no AES/EBU with mixer version)
- Studio-grade 24-bit A-to-D and D-to-A converters
- Ethernet and USB connections
- Works with high-speed mobile phone data networks via an EVDO USB modem
- Wi-Fi connectivity to any Wi-Fi hotspot
- Transmission bitrates from 18 kbps to 256 kbps
- High-resolution, information-rich interface
- Support of selected wireless devices, including UMTS devices
- Telos-hosted Z/IP Server
- Supports SIP, G.711, G.722, MPEG Layer 2
- Web server for remote configuration and remote control

ZEPHYRIP2RU	Rackmount studio chassis	List $4,795.00
ZEPHYRIPMIXER	Portable chassis with 4-channel mixer	List $4,995.00

Call BSW For Lowest Price: 800-426-8434

Telos Zephyr Xstream ISDN Codecs

The Zephyr Xstream is a rackmount-style transceiver specially designed for use with a single ISDN line or other low-bitrate transmission paths including IP networks. Zephyr Xstream is perfect for broadcast or voice-over studios, permanent remote locations or wherever high-quality transmission of news, sports, music or production is needed. Two-channel flexibility over a single ISDN circuit (or two synchronous links) can be used to transmit and receive 20kHz stereo audio to and from a single location, or two mono channels to and from separate locations. IP streaming is possible with both MP3 and AAC.

XSTREAM	ISDN studio codec, rackmount, no mixer	List $4,710.00
XSTREAMMX	ISDN studio codec rackmount with mixer	List $5,189.00
XSTREAMMXP	ISDN portable codec with mixer	List $5,249.00

Call BSW For Lowest Price: 800-426-8434

Telos Xport Portable POTS/ISDN Codecs

The Telos Zephyr **Xport** POTS field codec allows you to send high-quality audio to a Zephyr Xstream ISDN codec back in the studio. With the Xport in your remote tool kit, you can do full-fidelity remotes to ISDN over standard phone lines, fast and easy.

The **Xport-PI** version adds ISDN capability. With this unit you can do full-fidelity remotes to an ISDN-connected Zephyr Xstream back in the studio over standard phone lines OR connect directly with ISDN—be ready, regardless of what you find in the field!

XPORT	List $2,699.00
XPORT-PI	List $3,229.00

Call BSW For Lowest Price: 800-426-8434

XPORT FEATURES:
- Custom DSP extracts maximum bit rate from standard phone lines
- Groundbreaking CT-accPlus coding improves efficiency 30% over MPEG AA
- Built-in web server for convenient remote and local control
- Independent headphone, receive audio and monitor mixes
- Ethernet port and DB-9 computer connections

XPORT-PI FEATURES:
- All XPORT POTS features as above, plus additional ISDN mode
- Low Delay AAC, equivalent to MPEG Layer III but with 75% less delay
- Supports G.722 for compatibility to other brand ISDN codecs

Gator Hard Carry Case

Protect your codec with this rugged hard case. Built to fit codecs or mixers up to 17"x18"x 6.5", the G-Mix17x18 is also great for recorders, CD players and projectors. Made from nearly indestructible lightweight polyethylene, with a Tricot-lined foam interior, this case keeps your valuable audio gear safe.

GMIX17X18 List $222.99 **LowestPrice only $144.99!**

Comrex Matrix POTS Audio Codec with ISDN Option

The versatile and best-selling Comrex Matrix 15 kHz POTS codec allows for easy conversion to ISDN operation using Layer III or G.722 with an optional slide-in module. Besides real-time transmission, the Matrix includes a store and forward feature so that 15 kHz audio cuts can be sent in "non-real" time. The portable version offers a broadcast mixer with 2 microphone inputs and an input for your portable recorder. A studio rackmount version is also available for use back at the station.

MATRIX PORTABLE FEATURES:
- 15 kHz full duplex audio on a single, standard telephone line
- 2 microphone inputs (one is mic/line switchable)
- Headphone output
- Line level output on XLR
- -10 dBu tape input allows connection to a MD or DAT player
- Portable Matrix weighs 2.5 lbs.

MATRIX	Portable POTS codec	List $3,700.00
MATRIXRACK	Studio POTS codec	List $3,200.00
MATRIXISDN	ISDN module	List $1,500.00

Call BSW For Lowest Price: 800-426-8434

Accessories:

MATRIXBATTERYKIT	List $700.00
SMALLROADCASE	List $275.00

MATRIXRACK

Comrex BlueBox POTS Audio Codec

The Comrex BlueBox combines a high-speed modem with a digital audio codec to produce 15 kHz audio from a standard dial line. For a super economical price you also get a cellular hands-free interface to send high-quality audio over wireless services. And at just 1.5 lbs., it won't weigh you down.

FEATURES:
- Mic/Line switchable input
- Headphone output
- Line level output on XLR
- -10 dBu input for connection to portable recorders
- Internal peak limiter
- Cellphone jack allows connection to cell phones
- Weighs 1.5 lbs.

BLUEBOX	List $2,800.00

Accessories:

SMALLROADCASE	List $275.00

Call BSW For Lowest Price: 800-426-8434

COMREX

Lowest Cost Portable IP Codec

AEQ Phoenix Mobile Portable IP Codec

The AEQ Phoenix Mobile is a portable IP audio codec boasting a digital mixer with four analog inputs, protective cover and 12V DC power supply/charger. It features dual channels for backup and coordination/talkback, an advanced user interface and full remote control of all functions. Designed to ensure interoperability with both present and future AEQ and third-party equipment, with two slots for inserting optional communication modules (such as POTS, ISDN (RDSi), X21/V35 and GSM), it is also safeguarded to prevent accidental user interruption.

PHOENIXMOBILE List $2,899.00 **Call BSW For Lowest Price: 800-426-8434**

Accessories:

PHOENIXBATTERYPACK	LI-ION Battery for Phoenix Mobile 2.5 hrs cycle	List $399.00
PHOENIX-PGA-01POTS	POTS board for analog phones	List $644.00
PHOENIX-PGA-03RDSI	ISDN board for ISDN phones	List $899.00

AEQ

AEQ Eagle Dual-Channel ISDN Codec

The amazing AEQ Eagle is a dual-channel ISDN audio codec. Now you can have two remote broadcasts feeding audio to the studio with all three locations communicating with one another, due to the Eagle's unique multiplexing capabilities. The Eagle also interfaces with many popular codecs on the market and even has a back-up POTS mode with frequency extension for when ISDN lines aren't available.

FEATURES:
- IP remote control by internet or computer network
- Dual-channel for 64 kbps encoding modes
- G.711, G.722 and MPEG
- Mic input; headphone and front phone jacks
- AES/EBU analog and digital I/O; metering of send/receive audio
- Built-in terminal adaptor for U.S. and Europe; silent operation (no fan)

EAGLE List $3,130.00 **Call BSW For Lowest Price: 800-426-8434**

Digigram IQOYA V*MOTE IP Codec Software for Remote Broadcasting

With IQOYA tools, Digigram offers a range of hardware and software solutions that changes the way broadcasters use and hear IP audio. New V*MOTE turns any laptop into an IP codec for reporters in the field or for remote voice-over audio. Since reporters are generally equipped with a laptop and an internet connection, using IP is now preferable to older ISDN networks.

V*MOTE uses FluidIP Session Initiation Protocol (SIP) to establish reliable bidirectional broadcast quality audio. A reporter will be able to use SIP to connect IP audio devices using familiar telephone-like operations. By installing V*MOTE and an audio interface on their laptop, a reporter now has a professional-grade contribution codec in full-duplex with a newsroom or production studio. It's compatible with Digigram sound cards and DirectSound devices; provides RTP/UDP IP audio, SIP/SDP, VoIP phone compatible and EBU Tech- 3326 (N/ACIP) compliant; offers Automatic Gain Control and TALK function (off air conversation with the studio).

digigram

VMOTE		List $990.00
AACOPTION	Optional algorithm	List $690.00

Call BSW For Lowest Price: 800-426-8434

Tieline G5 Stereo Multiformat Codec

Tieline's new G5 is a remarkable solution for rock-solid multipoint IP audio distribution and STLs with market-leading features and management tools to keep you on the air at all times. So solid, in fact that it's at home in nearly every corner of your studio/transmitter site. Really packing in the features, G5 is perfect for Studio-to-Transmitter Links (STLs), audio distribution featuring multiple mono and stereo audio connections, unicast, multicast and multiple unicast applications, 5.1 Surround sound audio distribution (using card option), reception of remote codec audio streams and stereo (with low latency) IFB/Comms. It offers one-touch dialing; programmable auto-dial and renegotiation and hangup of connections. It's truly a one-codec-does-it-all!

G5 Available Q1 2010, Pricing TBA

Call BSW For Lowest Price: 800-426-8434

FEATURES:

- Dual-redundant power supplies
- Audio silence detection and failover
- Dual LAN ports supporting IP network redundancy and control
- Automatic failover to alternative IP networks, connections and transports*
- 16-24bit 96kHz low latency linear PCM audio
- G.711, G.722, MPEG 2, MPEG L3 Tieline Music and Tieline MusicPLUS AAC-LC, AAC-HE v.1 and AAC-HE v.2 enhanced aptX
- Optional 6 in/6 out card for 5.1 surround sound or other multichannel connections
- Network management software with control and config for each codec in the network
- TieServer automatically manages all IP addressing and network address translation between codecs
- Compatible over IP with any SIP-enabled IP codec brand that supports EBU N/ACIP Tech 3326 standards
- Compatible over wireless 3G/3.5G/4G IP networks, wired LANs, WANs, the Internet, satellite IP, WiMAX and Wi-Fi
- Connects automatically to Tieline Bridge-IT for STL and audio distribution applications

Tieline i-Mix G3
5-Channel Codec with Wired IP & POTS Audio

Doing more comprehensive mixing in the field? The i-Mix G3 features a full six-input mixer (5 XLR mic and 1 RCA line) for multiple personalities, and incorporates an expansion slot allowing you to select from a range of modules, including wireless IP, ISDN, and more. Note: the IMIXG3 comes standard with wired IP audio capability and mono POTS for use with regular phone lines.

IMIXG3	I-MIXG3 with mono POTS and Wired IP module	List $4,590.00
COMM3GMOD	Wireless Broadband IP card module (**specify carrier**)	List $995.00
COMMISDNMOD	ISDN module (stereo/dual mono)	List $1,095.00
COMMPOTSMOD	Additional POTS module	List $800.00
USBMODULE	USB wireless IP module for use w/users cell phone	List $650.00

Call BSW For Lowest Price: 800-426-8434

Instreamer100 *Exstreamer100* *Exstreamer110* *Exstreamer1000*

Barix Instreamer 100/Exstreamer 100
Encoder and Decoder for MP3 Audio System Over IP

The Barix **Instreamer 100** MP3 audio encoder is a versatile, network-enabled analog and digital audio-to-Ethernet converter for broadcast audio distribution. Barix Instreamer 100 converts audio from an analog or digital device into high-quality MP3 streams (connect to CD player, tuner, mixer, etc. via unbalanced RCA and S/PDIF inputs; also a headphone monitoring jack). The audio is encoded in real-time, and the generated audio stream can be distributed, via an IP-based network or the Internet, to one or more receivers or Shoutcast/Icecast-servers. It can be easily managed via a web browser interface using PCs, web pads, PDAs or other web-enabled devices. It features a DSub 9-pin RS232 control interface. With serial and Ethernet control APIs, open IP-standards, and the MP3 format, the device can also be integrated with other components, controlled by automation systems, or used with Barix's **Exstreamer 100** MP3 audio decoder as a flexible, cost-effective networked audio system. The Exstreamer 100 provides unbalanced RCA outputs, and a headphone jack, along with Ethernet connection and web-browser control. With serial and Ethernet control APIs, the device can also be managed from typical automation systems. The **Exstreamer 110** is a versatile network audio decoder for a variety of applications. It enables users to create flexible, cost-effective distributed audio systems using standard IP technology. It plays MP3, G.711 & PC audio files from PC or web server (http) as well as legacy digital and analog sources (using the Barix Instreamer) and streams from sources like Shoutcast, Icecast or RTP servers (Instreamer). It provides a backlit LCD with 32 characters showing status and metadata information, unbalanced RCA outputs and a headphone jack, along with Ethernet connection and web-browser control. With serial and Ethernet control APIs, it can also be managed from typical automation systems.

INSTREAMER100	MP3 audio encoder	List $395.00
EXSTREAMER100	MP3 audio decoder	List $195.00
EXSTREAMER110	Network audio decoder	List $249.00
BARIXRACKMOUNT	To mount Barix audio devices in a standard 19" rack	List $140.00
BARIXMOUNTINGBRACKET	Mounting bracket for Instreamer 100 or Exstreamer 100	List $8.00

Barix/Exstreamer 1000 MP3 Encoder or Decoder with Balanced Digital I/O for STL and Remote Broadcast, as well as IP Audio Distribution

The Barix **Exstreamer 1000** is a versatile network device that can function either as an audio encoder or decoder for a variety of high quality audio applications. The Barix Exstreamer1000 features AES/EBU in and out to provide a fully digital transmission path.

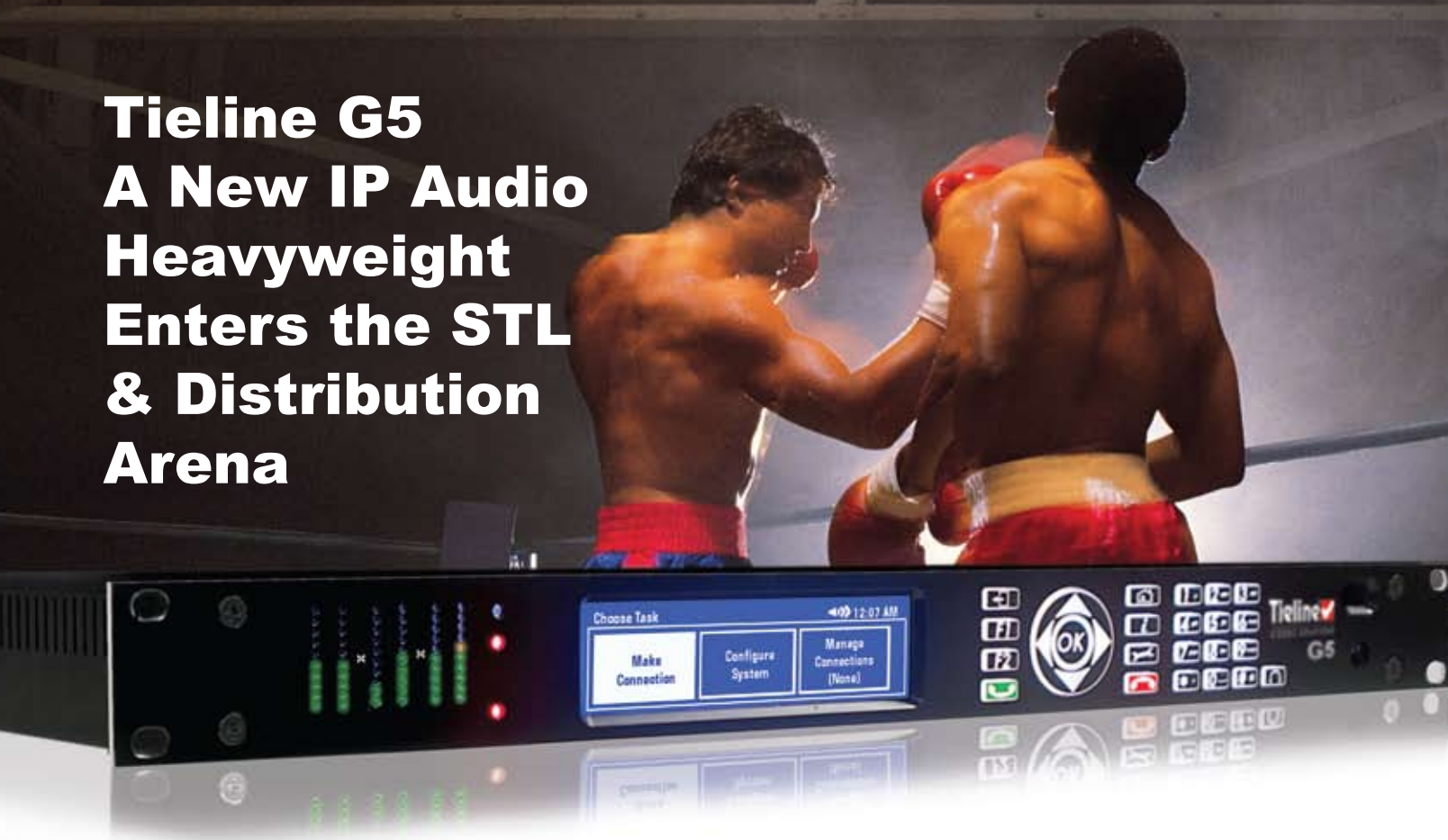
FEATURES:

- Encodes or decodes audio in high quality
- AES/EBU and balanced stereo audio interfaces (inputs and outputs) via 9-pin connection
- Supports streaming (http, UDP, RTP) with automatic failover and USB playback
- 10/100 Mbit Ethernet connection
- Contact closure interfaces (4 in, 4 relays)
- Control via standard web browser as well as serial, TCP, UDP, cgi API

EXSTREAMER1000 MP3 audio encoder or decoder (must buy two for system) List $950.00

Call BSW For Lowest Price: 800-426-8434

Tieline G5
A New IP Audio Heavyweight Enters the STL & Distribution Arena



G5 packs more punch than any other brand of IP codec...

The heavy-hitters in broadcast expect and demand the very best hardware for their STL and audio distribution requirements.

G5 delivers a knock-out blow to the competition and is the leading solution for rock-solid multipoint IP audio distribution and STLs with market-leading features and management tools to keep you on the air at all times.

Lift your network into a new weight division.

G5 raises the bar for your network's IP audio applications and is perfect for:

- Studio-to-Transmitter Links (STLs)
- Audio Distribution featuring multiple mono and stereo audio connections
- Unicast, multicast and multiple unicast applications
- 5.1 Surround sound audio distribution (using card option)
- Reception of remote codec audio streams.
- Stereo with low latency IFB/Comms

Connection Summary

- Multicast Tx or Rx capability
- Multiple unicast connections, (one with full-duplex comms capability)
- Stereo with low latency bidirectional IFB and Comms
- One-touch dialing; programmable auto-dial, renegotiation and hangup of connections.

Key Features

- Dual-redundant power supplies
- Audio silence detection and failover
- Dual LAN ports supporting IP network redundancy and control
- Automatic failover to alternative IP networks, connections and transports*
- 16-24bit 96kHz low latency linear PCM audio
- G.711, G.722, MPEG 2, MPEG L3 Tieline Music and Tieline MusicPLUS AAC-LC, AAC-HE v.1 and AAC-HE v.2 enhanced aptX
- Optional 6 in/6 out card for 5.1 surround sound or other multichannel connections
- Network management software with control and config for each codec in the network
- TieServer automatically manages all IP addressing and network address translation between codecs
- Compatible over IP with any SIP-enabled IP codec brand that supports EBU N/ACIP Tech 3326 standards
- Compatible over wireless 3G/3.5G/4G IP networks, wired LANs, WANs, the Internet, satellite IP, WiMAX and Wi-Fi
- Connects automatically to Tieline Bridge-IT for STL and audio distribution applications

Tieline®
www.tieline.com

Contact BSW to arrange a free demo of Tieline G5 today

Call: 800 426 8434

*Check with Tieline or BSW for the 2010 release date of G5 rack-mount codecs integrated with POTS, X.21 and ISDN connectivity.

There Are A Couple Of Points We'd Like To Make About Codecs..

Tieline Bridge-IT
Point-to-Point Stereo IP Codec

The new compact Bridge-IT transports audio streams reliably, simply and effectively over IP data networks such as wired and wireless LANs, WANs, the Internet, satellite IP, Wi-MAX and Wi-Fi. Its front panel interface offers navigation, LCD display, PPM metering and dialing key pad, and it features standard broadcast algorithms including 16-bit 22kHz linear low latency audio for uncompromised audio, as well as G.711, G.722, MPEG Layer 2, Tieline Music and Tieline MusicPLUS.

BRIDGE-IT List $1,995.00 **Call BSW For Lowest Price: 800-426-8434**

Tieline TECHNOLOGY

Live On the Air – Tieline Delivers Higher Quality Connections Over Challenging IP Networks

- Auto Jitter Adapt automatically learns and dynamically adapts each IP connection (both wired and wireless) to significantly improve stability
- MusicPLUS algorithm delivers 20kHz stereo audio with low latency
- Forward Error Correction (FEC) helps ensure top quality connections over both wired and wireless IP connections

Tieline Commander G3
Codec with Wired IP & Optional Wireless IP

Tieline TECHNOLOGY

With Tieline's new QoS Performance Engine Technology over IP, you get greater connection stability with less delay for live remote broadcasts over IP networks. The Internet and 3G wireless networks are packet-switched networks in which some data packets sent may never arrive. However Tieline's QoS Performance Engine manages the IP connection and adjusts settings to allow for late and lost packets with great quality audio and surprisingly low delay. Check out the live wireless demo at http://www.tieline.com/videos.

With the Commander G3, you get POTS and Wired IP Audio standard, on-board mixing capabilities for two broadcasters, and in-field-swappable network modules. The **COMMBASEFIELD** fills one of two module slots with the POTS/Wired IP Audio module. Then you can add the optional wireless IP, ISDN module, or even a battery module so you can be completely cord free. Features: Dialing with programmable hot keys; 3 audio inputs: 2 balanced XLR mic/line and 1 unbalanced RCA; 3 audio outputs: 2 balanced XLR line and 1 unbalanced RCA; 2 headphone outputs; 2 CMOS control ports and 2 control inputs; LAN 10/100 MBIT, USB data port, RS232 port; weighs only 3.3 lbs.

COMMBASEFIELD	Field chassis mono with POTS/Wired IP module	List	$3,225.00
COMMBASEFIELDIP	Field chassis mono with Wired IP module	List	$2,550.00
COMM3GMOD	Specify AT&T, Verizon or Sprint wireless IP module	List	$995.00
COMMISDNMOD	ISDN module	List	$1,095.00
COMMBATMOD	Rechargeable battery module	List	$450.00

Call BSW For Lowest Price: 800-426-8434

FREE $945 Matrix and Failsafe Software with Any Tieline Codec at BSW!

NEW! IP-Only Versions Save You Money!

With the new Commander IP-only models, you save money by not purchasing capabilities that you don't need. Choose from a rugged field or two studio codecs (the field model includes built-in mixing capabilities). All models fill one of two module slots with the Wired IP Audio module (included). Then you can add the optional G3 wireless IP, ISDN module, or even a battery module so you can be completely cord free. The Commander Field model features: 3 audio inputs: 2 balanced XLR mic/line and 1 unbalanced RCA; 3 audio outputs: 2 balanced XLR line and 1 unbalanced RCA; 2 headphone outputs; LAN 10/100 MBIT, USB data port, RS232 port; weighs only 3.3 lbs. All can be battery powered with the optional COMMBATMOD.

Tieline Commander G3 Studio Codecs

The highly acclaimed Commander G3 studio codec can accept two mono feeds (for your AM and FM stations for example) in one rackmount unit—saving you money on equipment/installation costs. It comes in two models: a **COMMBASESTUDIO** 2RU with full front-panel hardware control and the **COMMBASESTUDIOLITE** 1RU without controls (computer control only). Both include installed POTS and wired IP Audio and accept all optional Tieline modules. Features: 3 input/3 output digital mixing capability including 2 balanced mic/line inputs, 1 unbalanced auxiliary in/out, 2 balanced outs, 2 expansion module slots (one filled with POTS/wired IP module). Both models can be controlled by the TLG3GUI PC codec control software (supplied) on your computer over LAN, USB or serial connections. Note: Commander Studio units also come in your choice of either analog or digital I/Os (please specify when ordering). Then you can add analog or AES/EBU modules as your needs change.

COMMBASESTUDIO	2RU rack chassis w/ mono POTS/wired IP	List $3,765.00
COMMBASESTUDIOIP	2RU rack chassis with wired IP; with front-panel controls	List $2,550.00
COMMBASESTUDIOLITE	1RU rack chassis w/ mono POTS/wired IP; no front-panel controls	List $3,225.00
COMMBASESTUDIOLITEIP	1RU rack chassis with wired IP; no front-panel controls	List $2,550.00

Tieline TECHNOLOGY

Call BSW For Lowest Price: 800-426-8434

OUR BRIDGE-IT IS TURNING HEADS

The ultimate low cost, point-to-point and multipoint stereo IP audio codec

- Perfect for STLs, backup audio links, IP audio distribution, STL confidence monitoring, temporary remotes, multicasting and multiple unicasting links
- The 'only' low cost IP codec with full front panel screen, keypad and navigation. You don't need a computer to use it.
- Broadcast quality analog and digital audio connectors you expect to find on more expensive codecs.
- Automatic address book option. Connect Bridge-IT to the internet and watch other codecs in your network appear on your screen just like Skype™. Perfect for non-technical people.
- Tieline's famous IP QoS performance engine for low delay, rock solid, CD quality audio connections over LANs, WANs, the internet, satellite IP, WiMAX and WiFi links

Contact BSW to try it now for FREE!

2009 Pick Hit Radio

Cool Stuff Award Radio World 2009

Tieline®
www.tieline.com

www.tieline.com/bridge-it

800-426-8434

SPORTY C1191 FLASHMANII

MAYAH Portable and Studio Codecs w/Digital Recorder

Need a complete digital recorder and IP codec in one? The economical MAYAH **Flashman II** is all things in one chassis. This ultra-small and ergonomic device combines linear or MPEG audio recording with up 20 kHz on-air bandwidth via IP or 3G (3G card sold separately). Its Automatic Jitter Compensation makes sure your quality is the best getting through your networks. It features 2 switchable Mic/Line XLR inputs with 48V phantom power combined with 1 stereo line out and 1 send/receive controllable stereo headphone output. The Flashman II provides MPEG L2/L3/AAC, MPEG 4 AAC HE, MPEG 4 ELD, G.711/G.722, and linear audio. You record simultaneously on SD-cards or USB sticks while being On Air! Or you record first and then send a digital audio file. This is the future of portable digital devices.

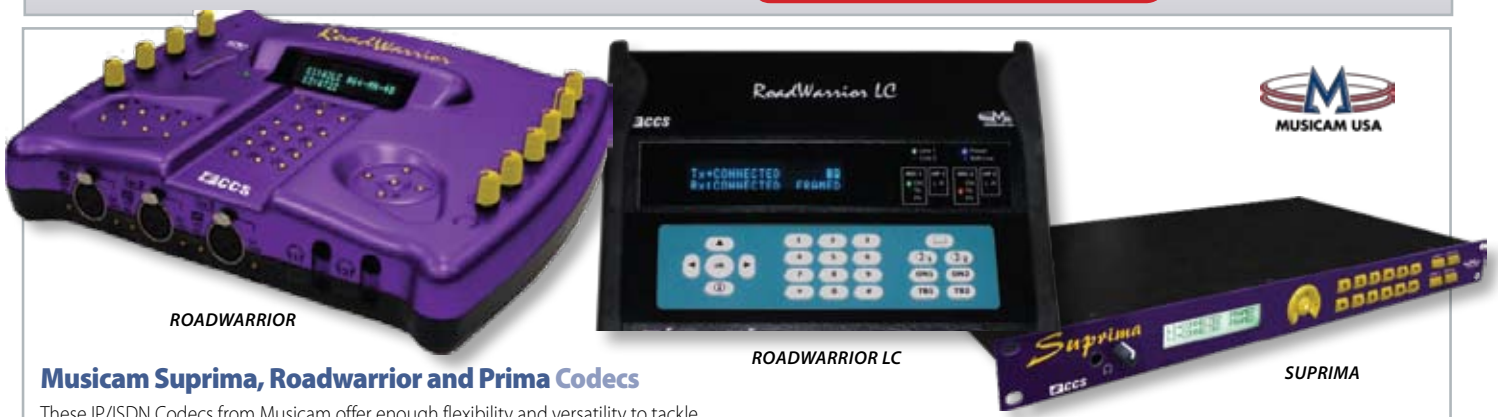
The larger MAYAH **Sporty** portable IP/ISDN codec provides 20 kHz bandwidth over 3G broadband and POTS (cards sold separately) and is even FlashCast compatible with many other IP/ISDN codecs on the studio end. Reporting from any remote events, Sporty can then bring your audio on-air via IP, ISDN, POTS and 3G (so you are ready no matter what the situation). Sporty adds low delay with MPEG 4 AAC ELD. The Sporty is exceptionally compact – and yet it even contains a built in 4 channel mixer! The Sporty has 2 built-in switchable Mic/Line XLR inputs with 48V phantom power and 2 balanced line inputs combined with 2 stereo headphone outputs. With the Sporty you can even record simultaneously on SD-cards or USB sticks while being live On Air. Now, you won't miss what you reported and you may reuse it again for other purposes. Rugged housing will handle years of abuse and keep looking good.

For a powerful studio IP or ISDN codec, look no further than the MAYAH C11 series. With many different models, all with the same high-quality build and modern functionality, you'll get state-of-the-art codecs for years of reliable transmission.

The top-of-the-line **C1191** dual IP codec is what you need for 24/7 streaming audio-via-IP. The C1191 provides two fully redundant working Ethernet connections for ultra-rock solid IP transmissions. It utilizes FEC and AJC minimizing the effects of changing bandwidth and packet loss. It combines automatic strategies for concealment and audio format adaptation. With its user friendly browser web-interface to be accessed from Windows, MAC OS and Linux, it simplifies any complicated situation. Other features include: Audio I/O via AES/EBU and analog, headphone output; SD card slot for audio storage card; 24-bit A/D-D/A; web-server for browser control; optional apt-X and Eapt-X (sold separately); and more. See the entire C11 line at www.bswusa.com.

FLASHMANII	Digital reporter IP codec	List $3,450.00
F-3G	3G card for FLASHMANII	List $454.00
SPORTY	Digital reporter IP/ISDN codec with 4-chnl mixer	List $4,995.00
SP-POTS	POTS card for SPORTY	List $295.00
SP-3G	3G card for SPORTY	List $454.00
C1191	Dual redundant IP rackmount codec	List $4,950.00
C11APT	Apt-X algorithm for C11 series codecs	List $679.00
C1131	Single IP rackmount codec (not shown above)	List $3,979.00

Call BSW For Lowest Price: 800-426-8434



ROADWARRIOR ROADWARRIOR LC SUPRIMA

Musicam Suprima, Roadwarrior and Prima Codecs

These IP/ISDN Codecs from Musicam offer enough flexibility and versatility to tackle most any application. Call us or visit our website for full specifications.

The **Suprima** is a versatile, multi-network rackmount dual audio codec that can utilize many different industry standard communication networks to transport studio quality audio. It supports most popular coding algorithms, including G.711, G.722, MPEG1/2 Layer II with MUSICAM enhancement, MPEG1/2 Layer III, MPEG2/4 AAC LC and MPEG4 LD and apt-X as well as bi-directional uncompressed linear audio transmission over IP through its standard Ethernet 10/100 port.

The **RoadWarrior** is a portable IP & ISDN codec with a 5-channel mixer (4 XLR mic inputs) for remote broadcasts with most of Suprima's high-end functionality and algorithms. It can send and receive simultaneously via IP through its Ethernet port (10/100BaseTX), and can connect to ISDN codecs through its built-in 1-BRI terminal adapter. See it online for full details.

The new **RoadWarrior LC** is a smaller, and economical IP & ISDN full duple codec. Lightweight, and easy to use, RoadWarrior LC provides most Suprima functionality (*AAC and Apt-X algorithms are optional and sold separately*) and provides a built-in 2-channel mixer to route and mix both input and output sources (2 mic/line inputs). All audio and communication parameters, including input/output signals and audio levels are remotely configurable, and can be stored in presets to assist users with setup. RoadWarrior LC is based on the Suprima IP & ISDN dual audio codec and can send and receive simultaneously via IP through its Ethernet port (10/100BaseTX), and can also connect to ISDN codecs through it's built in 1-BRI terminal adapter.

The renowned Musicam **Prima-110** rackmount digital audio codecs (not shown) provide the best audio quality and the most connectivity for ISDN audio transmission. Features: full duplex bi-directional 20 kHz stereo; full contribution quality of up to 384 kbps; use over ISDN, satellite, T1, E1 and dedicated lines; exclusive CCS MUSICAM enhanced ISO/MPEG Layer II; compatible with ISO/MPEG Layer III and G.722; SMPTE timecode; AES/EBU digital inputs and outputs; 20-bit A/D converters; ultra-low distortion of less than 0.01%; built-in automatic smart features and programmable functions. The **Prima-120** adds VU meters and status LEDs.

PCip is the perfect solution to turn your notebook computer into a portable IP audio codec compatible with both legacy and state-of-the-art audio compression technologies, such as G.722, Mpeg Layer II and Mpeg4 AAC HE (optional). Running this easy application on your PC provides a professional audio codec in those situations where dedicated hardware is not available. Read more at www.bswusa.com.

SUPRIMA	Dual audio codec, IP, ISDN & X.21	List $4,995.00
ROADWARRIOR	Portable IP and ISDN codec 5-chnl mixer	List $5,795.00
ROADWARRIORLC	Portable IP and ISDN codec 2-chnl mixer (without AAC or Apt-X)	List $3,795.00
PRIMA-110	Studio ISDN codec	List $3,250.00
PRIMA-120	Studio ISDN codec with VU meters	List $4,200.00
PC-IP	Software IP codec with hardware dongle	List $995.00

Call BSW For Lowest Price: 800-426-8434

BRAND NEW!!
Get it First at BSW!

APT Equinox Stereo IP Audio Codec

A Radio World 2009 "Cool Stuff" Award winner, the APT WorldCast Equinox is an innovative platform that enables the delivery of bidirectional stereo over both IP and ISDN links, while offering unprecedented redundancy for a stereo IP audio codec. Users have the option of dual IP interfaces, dual ISDN ports and dual power supplies all on a cost-effective 1RU rackmountable unit. It comes with APT's Codec Management Software package, a powerful and intuitive GUI that enables extensive remote monitoring and management capability of up to six units deployed throughout a network. The Worldcast Equinox is available as a base unit, controlled by the software, or with the optional front panel (shown in picture), controlled by either software or panel controls.

FEATURES:
- Automatic back up from IP to ISDN
- Support for SIP/SDP
- Support for Layer III bonding ensuring ISDN compatibility with existing units
- Analog and AES/EBU I/O (AES3), Digital Reference In
- Simultaneous Analog and Digital Outputs
- DSP-based platform for 24/7/365 reliability

EQUINOX WorldCast Equinox Base unit List $4,280.00
EQUINOXPANEL Front panel option List $500.00

Call BSW For Lowest Price: 800-426-8434

Codec Comparison Chart

Manufacturer	Product	Phone Service Type	Audio Inputs	Mono/Stereo	Connections	Size	List Price
AEQ	**PHOENIXMOBILE**	POTS-ISDN-IP-3G	3 ch mxr	Mono/Stereo	Multiple	PORT	$2899 +
AEQ	**EAGLE**	ISDN	analog/digital	Mono/Stereo	G.722/MPEG 2&3	1RU	$3,055
APT	**EQUINOX**	IP & ISDN	analog/digital	Mono/Stereo	Multiple	1RU	$4,280
COMREX	**ACCESSPORTABLE**	IP & POTS + opt AAC	mic/line + opt 5 ch mxr	Mono/Stereo	BRIC & POTS	PORT	$3,800
COMREX	**ACCESSRACK**	IP & POTS + opt AAC	XLR & AES/EBU	Mono/Stereo	BRIC & POTS	1RU	$3,000
COMREX	**BLUEBOX**	POTS	mic/line	Mono	POTS	PORT	$2,800
COMREX	**BRIC-LINK**	IP	analog/digital	Mono/Stereo	Multiple	PORT	$1,800
COMREX	**MATRIX**	POTS	2 mic	Mono	POTS + G.722 opt.	PORT	$3,700
COMREX	**MATRIXRACK**	POTS with ISDN opt.	XLR LINE	Mono	POTS + G.722 opt.	1RU	$3,200
DIGIGRAM	**VCALL**	IP SOFTWARE	USB I-Face or Soundcard	STEREO	Multiple	Softw	$1,390
DIGIGRAM	**VMOTE**	IP SOFTWARE	USB I-Face or Soundcard	STEREO	Multiple	Softw	$990
MAYAH	**FLASHMANII**	IP - 3G	Transmit & Record simul	Mono	Multiple	PORT	$3,450
MAYAH	**SPORTY**	IP-ISDN-POTS-3G	Transmit & Record simul	Mono	Multiple	PORT	$4,995
MAYAH	**C11 SERIES**	IP-ISDN-POTS-3G	analog/digital	Mono/Stereo	Multiple	2RU	varies w/ config
MUSICAM	**ROADWARRIORLC**	IP, ISDN	2 ch mxr	Mono/Stereo	Multiple	PORT	$3,795
MUSICAM	**ROADWARRIOR**	IP, ISDN	5 ch mxr	Mono/Stereo	Multiple	PORT	$5,795
MUSICAM	**PC-IP**	IP	software - DSL & CABLE	Mono/Stereo	Multiple	PORT	$995
MUSICAM	**SUPRIMALCPLUS**	IP, ISDN	analog/digital	Mono/Stereo	Multiple	1RU	$3,995
MUSICAM	**SUPRIMAIP**	IP	analog/digital	Mono/Stereo	Multiple	1RU	$3,300
MUSICAM	**SUPRIMA**	IP, ISDN	analog/digital	Mono/Stereo	Multiple	1RU	$4,995
MUSICAM	**SUPRIMAX**	Multi IP, ISDN	analog/digital	Mono/Stereo	Multiple	3RU	$4500 +
MUSICAM	**SUPRIMAXIP-MOD**	IP module for SUPRIMAX	analog/digital	Mono/Stereo	Multiple	mod.	$3100 ea
MUSICAM	**SUPRIMAXISDN-MOD**	ISDN mod for SUPRIMAX	analog/digital	Mono/Stereo	Multiple	mod.	$1225 ea
TELOS	**XSTREAM**	ISDN	analog/digital	Mono/Stereo	Multiple	2RU	$4,710
TELOS	**XSTREAMMX**	ISDN	4 ch mxr	Mono/Stereo	Multiple	2RU	$5,189
TELOS	**XSTREAMMXP**	ISDN	5 ch mxr	Mono/Stereo	Multiple	PORT	$5,249
TELOS	**XPORT**	POTS	mic/line	Mono	MPEG-AACPLUS	PORT	$2,699
TELOS	**XPORT - PI**	POTS & ISDN	mic/line	Mono	MPEG-AACPLUS	PORT	$3,229
TELOS	**ZEPHYRIP**	IP	AES/XLR+line	Mono/Stereo	MPEG coding	3RU	$4,995
TELOS	**ZEPHYRIP2RU**	IP	AES/XLR+line	Mono/Stereo	MPEG coding	2RU	$4,795
TELOS	**ZEPHYRIPMIXER**	IP	AES/XLR+line	Mono/Stereo	MPEG coding	2RU	$4,995
TIELINE	**COMMBASEFIELDIP**	IP + opt. POTS,ISDN, 3G	2 ch mxr	Mono/Stereo	Multiple	PORT	$3025+
TIELINE	**COMBASESTUDIOIP**	IP + opt. POTS,ISDN, 3G	analog or digital	Mono/Stereo	Multiple	2RU	$3665+
TIELINE	**COMBASESTUDIOLITEIPIP + opt. POTS<ISDN,3G**	POTS - IP + opt ISDN	same/no front panel control	Mono/Stereo	Multiple	2RU	$3025+
TIELINE	**IMIXG3**	POTS - IP + opt ISDN	5 chr mxr	Mono/Stereo	Multiple	PORT	$4995+
TIELINE	**BRIDGE-IT**	IP	mic/line analog & AES I/O	Mono/Stereo	Multiple	PORT	$1,995
TIELINE	**G5**	IP w/multiple conn. Opt.	mic/line analog & AES I/O	Mono/Stereo	Multiple	1RU	TBA - 1ST QTR